

REMARKS

Reconsideration and allowance of the above-identified application are respectfully requested. Claims 1-13 are now pending, wherein claim 1 is amended and claims 7-13 are new.

Applicants note with appreciation the Examiner's consideration of the documents cited in the Information Disclosure Statement filed on April 5, 2002. Applicants also appreciate the Examiner's acknowledgement of Applicants' claim for priority and that a certified copy of the priority document has been received.

Claims 1 and 5 are rejected as being anticipated under 35 U.S.C. §102(e) by U.S. Patent No. 6,530,083 to Liebenow ("Liebenow"). This ground of rejection is respectfully traversed.

Liebenow does not anticipate claim 1 because Liebenow does not disclose an digital/analog broadcasting receiver that includes a control unit arranged in the manner recited in claim 1. Specifically, Liebenow does not disclose that "when the user has operated the numeral inputting key to enter the selection number and the numeral inputting key does not coincide with a channel number stored in the memory, the control unit refers to the memory to select the operation mode that corresponds to the selection number thus entered."

Liebenow is directed to a technique that determines a single set of settings based on a number of user preference profiles.¹ The system of Liebenow includes a user interface that allows a user to select an identity (1) from a list of users, (2) by entering the users name via a keyboard or (3) by using switches that are apparently dedicated to selecting user identities (e.g., a switch labeled USER 1).²

The receiver of Applicants claim 1 employs a numeral inputting key for selecting user operation modes. The numeral inputting key can also be used for channel selection, and accordingly as recited in Applicants' claim 1, the operation mode is selected when the numeral inputting key corresponds to a selection number of an operation mode and does not coincide with a channel number stored in the memory. Because Liebenow does not disclose the use of a numeral inputting key to select user preference profiles, Liebenow cannot disclose that "when the user has operated the numeral inputting key to enter the selection number and the numeral inputting key does not coincide with a channel number stored in the memory, the control unit refers to the memory to select the operation mode that corresponds to the selection number thus entered." Accordingly, Liebenow cannot anticipate claim 1.

Liebenow does not anticipate claim 5 because Liebenow does not disclose "when the user operates the numeral inputting key in the input pattern, refers to the memory to select the operation mode that corresponds to the input pattern."

¹ Col. 1, lines 6-10.

² Col. 8, lines 20-29.

As discussed above, Liebenow uses either a list, keyboard or switches to select a user profile, and does not disclose the use of numeral inputting keys. Accordingly, Liebenow cannot disclose or suggest the use of operating a “numerical inputting key in the input pattern.”

The Office Action states that “the user pressing the appropriate selection button once” discloses the input pattern of Applicants’ claim 5. It is respectfully submitted, however, that a single key press is not an input *pattern*.

Because Liebenow does not disclose all of the elements of claim 5, Liebenow cannot anticipate this claim.

For at least those reasons set forth above, it is respectfully requested that the rejection of claims 1 and 5 as being anticipated by Liebenow be withdrawn.

Claims 2 and 6 are rejected under 35 U.S.C. § 103(a) as being obvious in view of the combination of Liebenow and U.S. Patent No. 6,177,931 to Alexander et al. (“Alexander”). This ground of rejection is respectfully traversed.

The combination of Liebenow and Alexander does not render claims 2 and 6 obvious because the combination does not disclose or suggest the selection of an operation mode when a user presses *both* the operation key and one of the direction keys.

As discussed above, Liebenow discloses the use of either a list, keyboard or switches to select a user profile. Liebenow does not, however, disclose or suggest

the use of two keys to select a user profile. Accordingly, Liebenow does not disclose or suggest selecting an operation mode when a user presses both the operation key and one of the direction keys.

The Office Action relies upon Alexander's disclosure of a remote with UP and DOWN directional keys to remedy the deficiencies of Liebenow. Although Alexander does disclose a remote control with directional keys, Alexander does not disclose or suggest that these keys are used for operation mode selection, or that these keys should be used in combination with other keys for operation mode selection. Instead, Alexander discloses that a PIN or other identification number can be employed to develop individualized profiles.³

Because Liebenow and Alexander each do not disclose or suggest using both an operation key and one of the direction keys to select an operation mode, the combination of Liebenow and Alexander cannot render claims 2 and 6 obvious.

For at least those reasons set forth above, it is respectfully requested that the rejection of claims 2 and 6 as being obvious in view of the combination of Liebenow and Alexander be withdrawn.

³ Col. 28, lines 22-25.

Claim 3 is rejected under 35 U.S.C. § 103(a) as being obvious in view of the combination of Liebenow and U.S. Patent No. 5,644,354 to Thompson et al. ("Thompson"). This ground of rejection is respectfully traversed.

The combination of Liebenow and Thompson does not render claim 3 obvious because the combination does not disclose or suggest that "when the user operates the numeral inputting key to hold the numeral key corresponding to the selection number pressed for at least a predetermined time, refers to the memory to select the operation mode that corresponds to the selection number thus entered."

Liebenow does not disclose or suggest selecting an operation mode based on a numeral key input, but instead discloses the use of either a list, keyboard or switches to select a user profile.

The Office Action relies upon Thompson for the disclosure of pressing a button for a predetermined amount of time. Thompson discloses that a guide can be selected by holding a designated button down for three seconds. Thompson does not describe what this designated button is, or that an operation mode is selected by holding the designated button down for three seconds. Accordingly, Thompson does not disclose or suggest the selection of an operation mode when a "user operates the numeral inputting key to hold the numeral key corresponding to the selection number pressed for at least a predetermined time."

Because Liebenow and Thompson each do not disclose or suggest the operation mode selection of claim 3, the combination cannot render this claim obvious.

For at least those reasons set forth above, it is respectfully requested that the rejection of claim 3 as being obvious in view of the combination of Liebenow and Thompson be withdrawn.

Claim 4 is rejected under 35 U.S.C. § 103(a) as being obvious in view of the combination of Liebenow and U.S. Patent No. 7,149,969 Thrane ("Thrane"). This ground of rejection is respectfully traversed.

Claim 4 depends from claim 1. As discussed above, Liebenow does not disclose or suggest all of the elements of claim 1. It is respectfully submitted that Thrane does not remedy these deficiencies of Liebenow. Accordingly, the combination cannot render claim 1, and in turn dependent claim 4, obvious.

For at least those reasons set forth above, it is respectfully requested that the rejection of claim 4 as being obvious in view of the combination of Liebenow and Thrane be withdrawn.

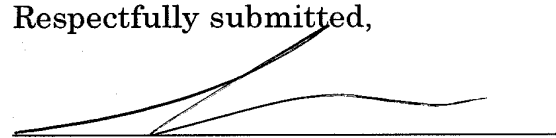
New claims 7-13 variously depend from independent claims 1-3, 5 and 6, and are patentably distinguishable over the current grounds of rejection at least by virtue of this dependency.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #010482.50912).

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